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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/581,885	
	Filing Date	June 6, 2006	
	First Named Inventor	Samuel Pedro Goldman	
	Art Unit	not yet assigned	
	Examiner Name	not yet assigned	
Total Number of Pages in This Submission	66	Attorney Docket Number	9611-42

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
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<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>		
Firm Name	Bereskin & Parr	
Signature		
Printed name	Ian McMillan	
Date	September 5, 2006	Reg. No. 43,390

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:		
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# Bereskin & Parr

INTELLECTUAL PROPERTY LAW



September 5, 2006

Ian C. McMillan B.Sc. (Math & Eng.), LL.B., LL.M.  
416 957 1644 imcmillan@bereskinparr.com

Our Reference: 9611-42

## INFORMATION DISCLOSURE STATEMENT

The Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia  
U.S.A 22313-1450

Dear Sir:

**Re: United States Patent Application No. 10/581,885**  
**National Phase of PCT/CA2004/002108**  
**For: METHOD AND SYSTEM FOR OPTIMIZING DOSE DELIVERY OF**  
**RADIATION**  
**Filed: June 6, 2006**  
**Applicant: Samuel Pedro Goldman et al.**

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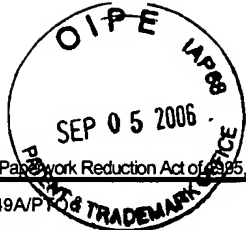
In accordance with 37 CFR 1.56 and 1.97, subject to the waiver of the requirements of 37 CFR 1.98(a)(2)(i) provided by the United States Patent and Trademark Office Notice dated August 5, 2003, Applicants hereby submit an Information Disclosure Statement including (1) a listing, on PTO form 1449, of all patents and other publications of which the Applicants are aware that may be considered material to the patentability of their claimed invention; (2) a Transmittal Form; and (3) copies of the listed non-US patent publications.

Please have these documents recorded against the above-mentioned application.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Ian C. McMillan".

Ian C. McMillan  
Registration No. 43,390  
/kew  
Encls.



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	10/581,885
Filing Date	June 6, 2006
First Named Inventor	Samuel Pedro GOLDMAN
Art Unit	Not yet assigned
Examiner Name	not yet assigned
Attorney Docket Number	9611-42

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	1.	US-2002/008018	06-27-2002	Frolich	
	2.	US- 2003/0212325	11-13-2003	Cotrutz et al.	
	3.	US- 6,546,073	04-08-2003	Lee	
	4.	US- 6,038,283	03-14-2000	Carol et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	5.	WO 03/099380	12-04-2003	Konin-Klijke Philips Electronics NV		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

2

of

2

**Complete if Known**

Application Number	10/581,885
Filing Date	June 6, 2006
First Named Inventor	Samuel Pedro GOLDMAN
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	9611-42

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1.	S WEBB, "The physical basis of IMRT and inverse planning," The British Journal of Radiology, 76, 678-689, 2003	
	2.	S.P. GOLDMAN, J.Z. CHEN, and J.J. BATTISTA, "Fast Inverse Dose Optimization (FIDO) for IMRT via Matrix Inversion with no Negative Intensities," XIVth International Conference on the Use of Computers in Radiation Therapy, Pages 112-115, May 11, 2004.	
	3.	S.P. GOLDMAN, J.Z. CHEN and J.J. BATTISTA, "Feasibility of fast inverse dose optimization algorithm for IMRT via matrix inversion without negative beamlet intensities," Med. Phys. 32(9), 3007-3016, August 30, 2005.	

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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